

On page 117, Figure 4-40 needs to be corrected as shown below.

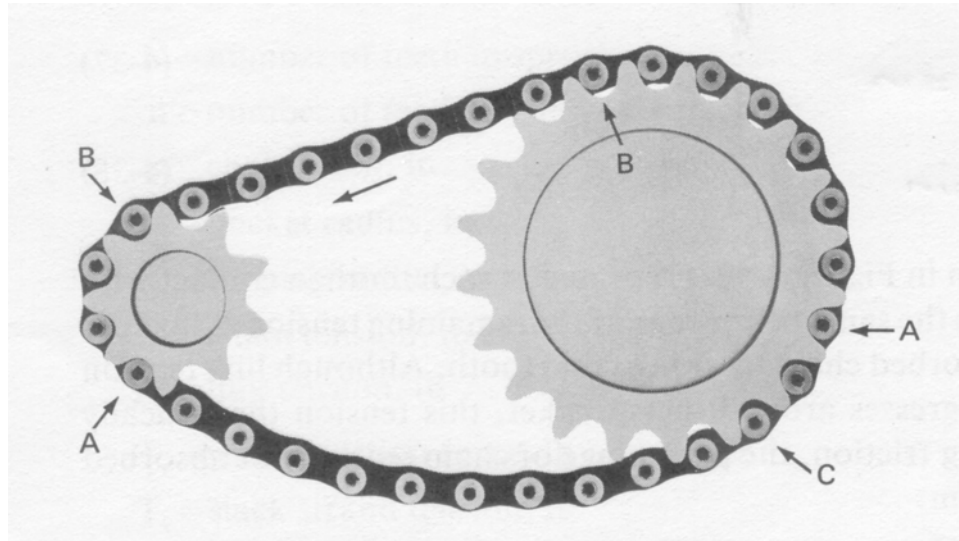


FIGURE 4-40 Sprockets with worn chain.

On page 166, the following equations and terms need to be added. Note that blue text is existing text.

$$L = 2C + \frac{N+n}{2} + \frac{(N-n)^2}{4\pi^2 C}, \text{ pitches} \quad (5.2)$$

$$C = \frac{L - \frac{N+n}{2} + \sqrt{\left(L - \frac{N+n}{2}\right)^2 - 8 \frac{(N-n)^2}{4\pi^2}}}{4}, \text{ pitches} \quad (5.3)$$

$$C' = \frac{L-n[(90-\alpha)/180] - N[(90+\alpha)/180]}{2\cos\alpha}, \text{ pitches} \quad (5.4)$$

...selected values of the term $\frac{L-n}{N-n}$.

$$C' = K_{CD}(2L - N - n), \text{ pitches} \quad (5.4a)$$

On page 208, the current Table 7-2 should be replaced with the following.

TABLE 7-2
Maximum Bores for Silent Chain Sprockets

Number of Teeth	Bores with standard keyways						
	Chain pitch						
	3/8	1/2	5/8	3/4	1	1 1/2	2
17	7/8	1 3/8	1 3/4	2 1/16	2 3/4	4 1/8	5 1/4
19	1 1/4	1 5/8	2	2 3/8	3 1/4	4 3/4	6
21	1 5/16	1 7/8	2 5/16	2 3/4	3 3/4	5 1/2	7
23	1 1/2	2 1/8	2 5/8	3 1/4	4 1/4	6 1/2	7 3/4
25	1 3/4	2 3/8	2 15/16	3 5/8	4 3/4	7 3/8	8 7/8
27	1 7/8	2 5/8	3 1/4	3 15/16	5 5/16	7 7/8	9 5/8
29	2 1/16	2 13/16	3 5/8	4 3/8	5 9/16	9	10 5/8
31	2 1/8	3 1/16	3 13/16	4 1/2	6 5/16	9 15/16	11 1/8
33	2 5/16	3 1/4	4 1/4	4 15/16	6 15/16	10 11/16	12 3/8

On pages 365 and 366, the current “fuzzy” Figures 14-9 through 14-14 should be replaced with the following figures.

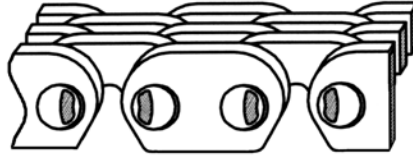


Figure 14-9

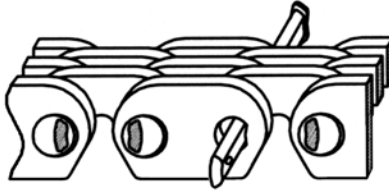


Figure 14-10

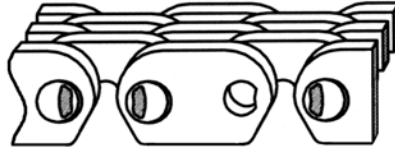


Figure 14-11

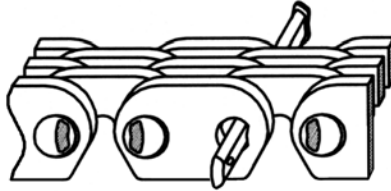


Figure 14-12

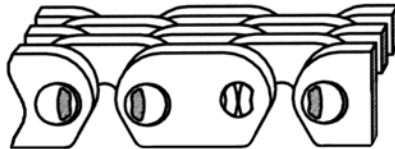


Figure 14-13



Figure 14-14

On page 339, the heading, **SAMPLE ROLLER CHAIN CONVEYOR SELECTION**, must be changed to, **SAMPLE FLAT-TOP CHAIN CONVEYOR SELECTION**.